

**4. The amendments made to the claims.**

1.-16. (*canceled*)

1 17. (*new*) A capped xenon metal halide discharge lamp for vehicles comprising:  
2 an arc tube, with said arc tube having walls, a gas tight outer envelope, with  
3 said outer envelope having walls, with said outer envelope disposed surrounding  
4 said arc tube, wherein said arc tube is made of pure quartz glass and filled with high  
5 pressure xenon,  
6 a Mercury (Hg) and metal halide pellet disposed in said arc tube, wherein  
7 said outer envelop is made of glass which prevents transmission of ultra violet  
8 (UV) light, wherein said arc tube and said outer envelope define a space  
9 therebetween, wherein said space is exhausted to form a vacuum,  
10 wherein said outer envelope comprises:  
11 a portion of said outer envelope disposed proximate to said arc tube and  
12 wherein said walls of said arc tube and said walls of said outer envelope are  
13 generally parallel,  
14 wherein said capped xenon metal halide discharge lamp further comprises:  
15 a cap, with said lamp attached to said cap,  
16 a plurality of poles formed on said cap, and  
17 a hoop having a plurality of holes with said holes matching said plurality of  
18 poles formed on said cap.

1 18. (*new*) The capped xenon metal halide discharge lamp for vehicles as claimed in  
2 claim 17, wherein said hoop comprises two portions.

1     19.     (*new*) The capped xenon metal halide discharge lamp for vehicles as claimed in  
2             claim 17, wherein said hoop comprises four portions.

1     20.     (*new*) The capped xenon metal halide discharge lamp for vehicles as claimed in  
2             claim 17, wherein said cap comprises a central portion having a depressed area with  
3             said arc lamp projecting into said depressed area.